

RFP Section	Question	Response
General	What is the average # of students per classroom?	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All available demographic data available to the SDE is represented in the RFP
General	What is an estimate for the # devices per classroom	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All available demographic data available to the SDE is represented in the RFP
General	What would a dense environment look like e.g. a library	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
General	What is the range for the total number of classrooms used by 9-12 (plus or minus 10%)	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All available demographic data available to the SDE is represented in the RFP
General	Does the state have a planning number for the average number of devices per student	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Does the state have a planning number for the average number of devices per Staff member	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Is the state planning on a 1 device per student model	At the present time there is no State initiative providing for a 1:1 device model. In the past, the state did have such an initiative. It is the intent of this RFP to build the capacity to provide 1:1 capacity within in Schools. As stated in the RFP, Section 4.5.1 - Connectivity.
General	Does the state/districts use in room wireless devices like Apple TV, projectors?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Does the state/districts plan to use a lot of video in classrooms for wireless devices	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Does the state/school district plan to conduct standardized testing on wireless devices	Sections 4.8 and 4.11.2 of the RFP stipulate performance standards and validation testing requirements. If referring to the State Standardized Student Assessments such as ISAT, SBAC, all tests are administered electronically.

General	Will there be wireless fire/safety devices attached e.g. Wireless cameras?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Will the state or each district be determining the minimum level of guidance for BYOD devices	The State will not, however the use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Does the state/school district plan to incent users to leverage 5Ghz channel as much as possible	The RFP asks for solutions that incorporate both the 2.4 GHz and 5GHz frequency ranges for wireless coverage.
General	Does the state/school district plan to aggressively adopt 802.11ac Phase 1 or wait till Phase 2 is available?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
General	Can the state provide a "typical facility map for a small medium and large campus	No, the state cannot provide this documentation as we do not have the information. Each facility in each district is unique, constructed of different materials, at different times.
4.4.0	Does section 4.4 refer to every school in the state or just the ones participating in the initial first phase of this project?	The RFP States "All High School, Jr Highs or Middle Schools serving any grades 9-12 deployed with complete wireless infrastructure"
4.7.2	Section 4.7.2 asks for the ability to move through districts, does the state manage centralized user authentication or authorization services today?	No the State does not. The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2	Referring to question 17 how are these services handled today?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Are there network diagrams and network equipment inventory available for each school participating. Can these be provided?	No, the State does not have this information. Each facility in each district is unique, incorporating different technology and infrastructure. If diagrams other documents on logical layouts are available, the Offeror will be tasked with coordinating the collection as part of the Offerors proposal.
4.4.0	What does the State perceive to be professional on going development?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

3.8.4	Depending upon the Service Provider type, there may be regulatory restrictions related to the Offerors ability to assist in making application. Is the RFP looking for the Offeror to be an Educational Service Agency maintaining both a BEN and SPIN?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.2.0	Will the users in the school be accessing data locally, or from a centralized data store? The concern is based upon the minimum 3Mbps connection speed. If centralized please provide the location and type of data to be accessed? If locally, is it assumed that the storage / server infrastructure is the responsibility of the individual school or district?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.2.0	Please provide additional clarification to the requirement for professional development. It appears that the intent is to gauge the Offeror's ability to pro-actively engage over the life of the contract to provide support for the SDE's strategy?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.1	Please define "necessary devices"?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
5.0.0	Given the fact that participation in the project by schools is not known, is it the intent of the process to score the full annual price of the project assuming full participation? Or, at the point of selection is it the intent to refine the proposal to a more targeted scope?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is subject to local control, however since the State is providing a wireless solution as a result of this RFP. We anticipate a large number of districts to opt-in.
4.7.2.5	Are there considerations for the endpoint to be off the network but still abiding by security policies set forth in this RFP? Example, student or admin user from a hotel or Starbucks.	The use of technology on campus and in the classroom is subject to local control and is different for each district.
6.0.0	Please provide the missing student numbers in this section.	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All demographic data available to the SDE is represented in the RFP

1.3.0	The requirement of an acceptable use policy for each participating district could require more attributes/features than you list in the RFP. How will you adapt the awarded contract as each AUP comes to the SDE and needs to be accommodated?	This is subject to the policies of each district. Please refer to Section 4.7.2.5 of the RFP.
6.0.0	Will you consider awarding to multiple bidders?	It is the intent of the SDE to make a single award, but the use of subcontractors will be allowed as outlined in the RFP. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
6.0.0	If you do a multi-award will you allow the districts to decide their solution of choice at the local level (district)?	It is the intent of the SDE to make a single award, but the use of subcontractors will be allowed as outlined in the RFP. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.0	Will video surveillance, voice or video traffic run through these systems (real time, sensitive traffic)?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2.5	(ME) Content Filtering and Logging states a requirement for a single web interface for managing both the wireless system and content filtering. Is it acceptable for the offeror to provide a customer portal that creates a gateway into more than one management systems?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.5	Is it desired that offeror provided PoE switching be managed under the same interface as well?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.8.5	If data loss is not a risk due to loss of power on devices such as switches and wireless access points, is there still an SDE requirement to have UPS on such equipment?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.5	If UPSs are required in data closets for switches and wireless access points, how much run-time is desired?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.5	Would we also need to provide UPS equipment for existing network switching that may be part of the chain of connectivity from a given closet?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.10.0	Will offeror provided support be limited to project provided equipment (head-end, PoE switches, wireless access points, etc.) or will the offeror be needed to provide full network support for troubleshooting of issues that may affect the wireless network?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.10.0	Will the offeror be responsible for troubleshooting of any client connectivity issues, even at 2nd or 3rd tier?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.10.0	Please expand on any requirements or expectations for the offeror to support end users, hardware, software or connectivity (outside of infrastructure issues).	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.5	How will existing content filtering systems that are already in place be handled? Will traffic be double-filtered?	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.

4.2.0	Can you please provide a list of School Districts, the number of IEN connections they have, and the bandwidth ratings of each connection? This information would be used for counting/sizing content filtering or other edge devices.	All information available to the SDE with regards to connection, and bandwidth has been included in the RFP. Other information is not available. The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.2.0	Are there any non IEN internet connections that will need to receive filtered traffic for the purposed of this project? Can you please list by District, location, number of connections and bandwidth.	Please refer to Sections 4.2.0 and 4.3 (Chart A and B) All information currently available has been included in the RFP (See Attachment 10 and 11 which includes students that may not be included in the IEN connection) SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.2.0	Can we assume that Districts have an existing WAN infrastructure capable of transporting traffic from point of origin to the nearest IEN connection (even between buildings)? If not, what is required in the solution to address this?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.0	Given that 801.11N wireless access points are required, which exceed 100Mb throughput, will all copper ports on offeror provided PoE switches need to be gigabit capable?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.0	What is the required uplink capability for offeror provided PoE switches, 1G, 10G etc.?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.0	Is there a requirement for the PoE switching to have uplinks be modular to support different media types (fiber, copper, etc.)?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.7.0	What if any is the requirement for the offeror provided PoE switches to support Quality of Service (QoS)?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.0	Please describe any other required features or performance metrics of offeror provided PoE switching.	Sections 4.8 and 4.11.2 of the RFP stipulate performance standards and validation testing requirements
4.7.0	Please verify that offeror provided PoE switches are to be attached to existing District switching equipment in each closet using available uplinks ports on currently installed equipment. I.e. we are not re-building backbone within the schools and replacing "top of stack". If offerors are to provide backbone, please elaborate in detail so that it can be designed.	Section 4.7 states "The wireless network infrastructure shall connect from the proposed solution Hardware at one end to the IEN demarcation at the other end. Between the two ends, the Offeror's solution must include switches as needed, the placement of access points, server capacity for applications/files, and any other components necessary to complete the solution. To minimize the need to perform local electrical upgrades, Power-over-Ethernet (POE) is preferred. Existing network hardware, servers and infrastructure may be utilized by the Offeror's solution at the Offeror's discretion. The in-school infrastructure shall be accessible wirelessly and remotely. All participating schools have 3 Mbps-equivalent or better Internet connections provided by the IEN or an ISP of the local school unit's choice. The Offeror shall provide all servers, services and resources in order to update and maintain the solution dependent hardware."

4.7.0	What, if any, other existing infrastructure items does the offeror need to consider when looking to overlay this wireless solution?	<p>Section 4.7.2.6 of the RFP states "The solution will integrate wireless access to the school's existing network resources. While school internal networks vary, the network operating systems tend to cluster into Novell, Windows, Macintosh OS X, UNIX and Linus. All schools have Ethernet capability.</p> <p>The Offeror will install cabling for its solution, per the description of a fully managed service above, and the connection to the school's local network and the Idaho Education Network (IEN). At the successful Offeror's discretion, it may use existing cabling in the schools. However, if the successful Offeror does use existing cabling or infrastructure, it must agree to warranty those parts as they would newly installed equipment. If the local school has a cable warranty in the building, the successful Offeror will not void the current cabling warranty without the prior written approval of the district. The local school will arrange for electrical work based on the successful Offeror's specifications. Site construction, abatement and other activities will be performed in accordance with the project plan. As part of the installation, the Offeror will provide an overview of the resulting network to the school technical staff and train that staff in the basics of system/network operation and support.</p>
4.7.0	Will the Districts be using any of the provided PoE switch ports which are not taken up by wireless access points for other purposes?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2	How will offerors need to handle existing wireless infrastructure?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2	Will offerors be required to migrate all existing SSIDs and methods of authentication from existing wireless networks in addition to providing a new SDE project SSID?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.8.8	application software must have the ability to be restricted or locked down in an appropriate way so as to prevent inadvertent or deliberate changes in key settings and thereby reduces support requirements.” Can you please expand on any and all expectations that would require a successful offeror to manipulate client devices? Client device responsibilities would be a major cost contributor to this effort.	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.7.2	Will directory services be made available to the offeror in order to facilitate user authentication to the wireless network(s)	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.7.2	Please describe the type of directory services available for user authentication to the wireless network (i.e. Active Directory, LDAP, Radius, etc.)	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2	In the event that no directory services are available for user authentication to the wireless network how are users to be authenticated?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2	Will a statewide directory be made available to facilitate seamless roaming between districts?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2	Is it acceptable for a user to re-authenticate to the wireless network with different credentials when roaming between districts?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2	How will guest users be authenticated to the network (splash page, walled garden, etc.)?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.5.1	What, if any, are the specific requirements for BYOD?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution. The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.8.8	Section 4.8.8 Authorization Control states that the wireless solution must be able to limit access to certain network resources including files and applications via the user type (student, staff, etc.). Some of these functions are typically handled at the District-owned file server level. Are there any specific offeror responsibilities surrounding District servers, if so, please clarify.	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.12.3	Attachment 11 is missing building square footage value for a number of District locations. Can the SDE please provide the missing data?	The SDE has provided the information in the RFP that it has available.
4.12.3	If the missing building square footage data cannot be provided, should offerors exclude these buildings from their pricing response? Please clarify.	No.
4.7.2.1	Site surveys require scaled building diagrams, by what method will the offeror obtain these?	Each facility in each district is unique, constructed of different materials, at different times. If blueprints, maps, or other documents on physical layouts are available, the successful Offeror will be tasked with coordinating the collection as part of the Offerors solution if needed.
4.7.2.1	Please clarify whether the site survey required is an on-site active survey or software based survey?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.12.4	Section 4.12.4 states that the offeror will maintain ownership of all installed equipment. How does the SDE see the e-rate eligibility based on this?	The SDE has supplied information on e-rate in Section 4.13 of the RFP.
4.12.4	Section 4.12.4 states that the offeror shall de-install project equipment at the end of the service agreement. Does this mean equipment only or also structured cabling, conduit, raceway, etc.?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

1.1.0	Section 4.1 (purpose) and several other sections mention "multi-level professional development". The indication is that if the offeror can provide this that they should include information about the offerings. This does not appear to be mandatory or an evaluated element of the response, can the SDE confirm this?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
1.1.0	If professional development options are evaluated, can the SDE please offer additional details on what is required and how it will be evaluated?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
6.4.0	What is the expected format for the offeror interviews? What elements are to be covered/scored?	The interviews will be based on the responses provided in the proposals.
3.8.4	Did the SDE request this type of services on a 470?	No, not for 2013 as form 470 was due on May 15 and RFP was not released on that date.
3.8.4	Will the state be seeking e-rate reimbursement under priority 1, priority two or both?	The Department of Administration currently receives e-rate Priority 1 for bandwidth. Under the existing e-rate requirements Priority 2 is not applicable for statewide wireless. The SDE under current regulations/environment does not anticipate pursuing Priority 1 or Priority 2 e-rate. However the SDE reserves the right to pursue e-rate in the future (if regulations and/or the environment changes) .
Att 2	This section states that the renewal pricing may not exceed a 5% pricing increase. Would the SDE be requiring a technology refresh with this renewal and under this pricing constraint?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.1	Who would be responsible for any electrical work necessary to support UPSs? Receptacles, circuits, etc.	Section 4.7.1 states "Each local school unit that opts to participate in the Project shall be responsible to ensure minimum building readiness for the installation of the successful Offeror's solution. The local school shall address structural issues, construction/renovation and abatement. The Offeror's solution shall include all costs for network and infrastructure wiring needs. The solution shall be designed to minimize necessary costs of building preparation."

4.7.2.6	<p>This section describes that the Successful Offeror may utilize existing network drops for installation of the new wireless equipment as long as the existing cabling could be re-certified and warrantied as a new location. Does the SDE have existing locations and/or quantities of cables (per building) that could be utilized for this implementation?</p>	<p>No we do not have existing location information. The use of technology on campus and in the classroom is subject to local control and is different for each district.</p>
4.7.2.6	<p>For any new cables that will be required for the AP locations does the SDE have a preference on a cabling manufacture for the entire project or per building (i.e.: Leviton, Ortronics, CommScope, AMP, etc.)?</p>	<p>SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.</p>
4.7.2.6	<p>Will the new category network cabling being installed need to match the existing cabling system installed within each location; such as manufacture specific cable, jacks, patch panels or CAT 5e vs. CAT 6? If so does the State have a list of the cabling infrastructure currently installed within each location?</p>	<p>SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.</p>
4.7.2.6	<p>Does the SDE have any documentation or preference on plenum vs. non-plenum cable use within the buildings or a list of buildings requiring plenum cable as deemed necessary under in National Fire Protection Association standard NFPA 90A?</p>	<p>SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.</p>
4.7.2.6	<p>Where fire stopping is required for any new network dropped being installed does the SCF/Dept. of Education have a preference on materials to use such as Fire sleeves (i.e.: EZ Path) vs. fire putty and/or caulk?</p>	<p>SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.</p>
4.7.2.6	<p>Without site surveys and initial building tours, can the SDE provide details on the existing building wiring pathways for the installation of any new cabling; such as building with drop tile, buildings with hardpan ceilings that require surface mount raceway installed or buildings with hardpan ceilings with an attic space where cabling can be installed?</p>	<p>Each facility in each district is unique, constructed of different materials, at different times. If blueprints, maps, or other documents on physical layouts are available, the successful Offeror will be tasked with coordinating the collection as part of the Offerors proposal if needed.</p>

4.7.2.6	For the installation of new cabling and AP's will there be specific hours that the building will be available for installation crews to be onsite? Will the crew be able to work during normal business hours or be required to be onsite after hours?	The SDE does not anticipate the successful Offeror to be interfering with normal classroom activities. The successful Offeror will work directly with the local district/school to provide access to the building based the project plans. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.13.0	Under current E-rate eligibility rules, managed wireless services of the type being requested by SDE do not have E-rate eligibility. Would SDE be interested in a proposal with higher eligibility if this required SDE to purchase and own the wireless equipment and network infrastructure as long as the vendor could provide the same level of support, warranty and replacement of the service?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.6	Without site surveys and building tours, can the SDE provide details on the existing MDF / IDFs (Intermediate Distribution Frames) locations in each high school in terms of location within the buildings, available room and rack space for additional gear (such as patch panels, switches and UPSs), and available number and types of electrical circuits and plugs?	Each facility in each district is unique, constructed of different materials, at different times. If blueprints, maps, or other documents on physical layouts are available, the successful Offeror will be tasked with coordinating the collection as part of the successful Offerors proposal, if needed.
General	In general, the State of Idaho prefers a local Govt. control model, so in this spirit, will multiple vendors be awarded to allow districts the opportunity to work with their preferred or local vendor/solution and keep control of their local decision making process?	It is the intent of the SDE to make a single award, but the use of subcontractors will be allowed as outlined in the RFP. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.1	Can you clarify when you say that "must ensure coverage such that there is sufficient capacity to connect all necessary devices to the schools network" since that coverage is the presence of RF energy and capacity is a measurement of throughput?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.0	Can you clarify when you say 802.11a/b/n/ab since there is no ab specification?	Section 4.8.0 is amended to read "802.11a/b/g/n and ac/ad(when ratified)"

4.8.0	Can you clarify Section 4.8 since it does not specify a signal strength for 5Ghz coverage.	The RFP asks for solutions that incorporate both the 2.4 GHz and 5GHz frequency ranges for wireless coverage.
4.8.0	Can you clarify section 4.8 where it defines the ability to "stream video" in a quantitative measurement such Bytes per second?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.0	Does the use of "Transparent roaming" refer to the use of IEEE standards for 802.11k, 802.11r or another proprietary solution (Single Channel Architecture)? If so, how will clients that do not support these technologies?	The "Term Transparent" roaming is referring to the seamless transfer from one ap to another ap without the need to re-authenticate within the same SSID. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	How will the SDE judge performance of the minimum -70dbm in environments where the noise floor of a facility is excessively high (say -75dbm)?	Sections 4.8 and 4.11.2 of the RFP stipulate performance standards and validation testing requirements
4.8.0	What performance metrics are to be used in the performance testing?	Sections 4.8 and 4.11.2 of the RFP stipulate performance standards and validation testing requirements
4.8.0	Can you describe how the topic of sources of interference will be addressed between the offerer and individual schools/ districts?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
Att 6	When you ask for Mbps/sec, do you actually mean Mbps?	This is amended to read Mbps
4.8.0	For Wireless Transmission rates, are you looking for the maximum potential that the equipment can sustain, or are you looking for what the range will be as specified in the deployment?	Section 4.8 and 4.11.2 of the RFP stipulate performance standards and validation testing requirements. The SDE is looking for optimal performance, not just maximum potential. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.8.0	Can you clarify in the section "Describe the actual throughput... for the following number of simultaneous users" since there are no numbers that follow?	Attachment 6 is a worksheet for the Offeror. The number of users is based on the Offeror's example. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
General	Will there be an extension for questions? Due to the short notice of the RFP release to the questions deadline?	All questions are due to be submitted by 5 PM MDT, on 5 June 2013, without exception.
General	Are floor plans available?	Each facility in each district is unique, constructed of different materials, at different times. If blueprints, maps, or other documents on physical layouts are available, the successful Offeror will be tasked with coordinating the collection as part of the Offerors proposal, if necessary.
General	How much IEN provided internet access exists at each district's aggregation?	This is dependent on each individual point of IEN aggregation.
General	Will appropriate access be given to the successful offeror/offerors to integrate any and all necessary network equipment to accomplish the requests of this RFP on IEN?	Section 4.7 (and specifically 4.7.2) of the RFP discusses in detail project integration. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.3.2	What is the average # of students per classroom? Is there an estimate for the # of devices per classroom?	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All demographic data available to the SDE is represented in the RFP. The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.3.2	Does the state have a planning # for the average devices per student? Per staff member?	The use of technology on campus and in the classroom is subject to local control and is different for each district.

General	Is the state planning on a 1 device per student ("1 for 1") model?	At the present time there is no State initiative providing for a 1:1 device model. In the past, the state did have such an initiative. It is the intent of this RFP to build the capacity to provide 1:1 capacity within in Schools. As stated in the RFP, Section 4.5.1 - Connectivity.
General	Does the state/school districts use in room wireless devices like Apple TV, projectors etc.?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Do the state/school districts plan to use a lot of video in classrooms for wireless devices?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
General	Do the state/school districts plan to conduct standardized testing on wireless devices?	Sections 4.8 and 4.11.2 of the RFP stipulate performance standards and validation testing requirements. If referring to the State Standardized Student Assessments such as ISAT, SBAC, all tests are administered electronically.
General	Will there be wireless fire/safety devices attached (e.g. wireless cameras)?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.5.1	In the planning for BYOD support, will the state or individual schools be providing some level of minimum guidance on the type of devices?	The State will not, however the use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2.1	What will a typical dense environment look like, e.g. a library? Would it be 100 students? 500 Students?	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.7.2.1	Do the State/school districts plan to incent users to leverage 5Ghz channel as much as possible?	The RFP asks for solutions that incorporate both the 2.4 GHz and 5GHz frequency ranges for wireless coverage.
General	Can the state provide a "typical" facility map for small, medium and large campuses?	No, the state cannot provide this documentation as we do not have the information. Each facility in each district is unique, constructed of different materials, at different times.
General	Is the State willing to provide a MS Word version of the RFP?	SDE will post an MS Word version of the RFP on the SDE website, located at www.sde.idaho.gov
4.7.2.1	What is a range for the total number of classrooms used by Grade 9 – 12 students (+/- 10% range)?	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All available demographic data available to the SDE is represented in the RFP

4.7.2.1	Do the state/school districts plan to aggressively adopt 802.11ac Phase 1 or wait till phase 2 is available?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.0	What existing infrastructure do we need to consider? What about existing wireless?	Section 4.7.2.6 of the RFP states "The solution will integrate wireless access to the school's existing network resources. While school internal networks vary, the network operating systems tend to cluster into Novell, Windows, Macintosh OS X, UNIX and Linus. All schools have Ethernet capability. The Offeror will install cabling for its solution, per the description of a fully managed service above, and the connection to the school's local network and the Idaho Education Network (IEN). At the successful Offeror's discretion, it may use existing cabling in the schools. However, if the successful Offeror does use existing cabling or infrastructure, it must agree to warranty those parts as they would newly installed equipment. If the local school has a cable warranty in the building, the successful Offeror will not void the current cabling warranty without the prior written approval of the district. The local school will arrange for electrical work based on the successful Offeror's specifications. Site construction, abatement and other activities will be performed in accordance with the project plan. As part of the installation, the Offeror will provide an overview of the resulting network to the school technical staff and train that staff in the basics of system/network
4.8.8	Are there considerations for the endpoint to be off the network but still abiding by security policies set forth in this RFP? Example, student or admin user from a hotel or Starbucks.	The use of technology on campus and in the classroom is subject to local control and is different for each district. The successful offeror is not responsible for activities that take place outside of the school's network.
General	Will the State consider awarding to multiple bidders?	It is the intent of the SDE to make a single award, but the use of subcontractors will be allowed as outlined in the RFP. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

General	If you do a multi-award will you allow the districts to decide their solution of choice at the local level (district)?	It is the intent of the SDE to make a single award, but the use of subcontractors will be allowed as outlined in the RFP. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.2	Will the State be willing to look at a blended deployment utilizing 802.11n in some locations and 802.11ac in more dense locations?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.1	Does this mean that APs, controllers, etc. that were deployed in the beginning of the project will be refreshed at 5 years?	No, See 4.7.2.1 as stated in the minimum solution requirements.
4.7.2.1	Are you expecting/requiring all WLAN hardware to be 11AC capable?	As stated in the RFP, installed hardware shall meet the current standard upon time of implementation. When new standards are ratified, the Offeror shall make every effort to integrate new technology following a reasonable schedule
4.7.2.2	Will all access points terminate to the same wiring closet or can you provide an average of wiring closets per school?	This will be dependent on the school and school layout. The offeror shall propose the location of all equipment based on the current infrastructure of the school and the results of a properly executed site survey.
General	Does Idaho SBE have funding already earmarked for the project or will it be a combination of SBE funds, eRate and other?	The funding for the project has been appropriated by the Idaho Legislature.
4.8.8	Are we to assume that the school has their own directory service (central repository of staff and students), i.e. Active Directory?	As stated in the RFP, each district maintains local control of AD/LDAP services. It is the responsibility of the successful offeror to identify each local infrastructure and propose an integration / implementation strategy for each location
4.7.2.1	Is SBE looking for single SSID for all schools in the same district, State, etc.?	As stated in the RFP, each district shall maintain the same interoperability to facilitate seamless roaming within individual districts

Att 11	The square footage for many schools is missing from attachment 11. Is it your intent to provide those numbers?	Attachment 11 is supplied for reference and planning purposes only. Any school marked as unknown indicates that the SDE does not have this information available to them. We will not be able to provide additional information as we do not have the information and the successful offeror will need to do a site assessment, if desired, once the award has been made.
4.7.2.1	Can you provide the dBm rating for the 5 Ghz spectrum?	The minimum signal strength on each campus should be 70 dBm, regardless of frequency
4.7.2.1	Can you expand on your vision/meaning of multiple profiles/access levels per single SSID? Are your expectations for the faculty, staff, students to use the same SSID	As stated in the RFP, the SDE is seeking proposals from external entities to design and propose a solution set that best meets the overall needs of each district.
4.7.2.1	Is there a minimum or maximum number of SSIDs required? Per VLAN? Per AP? Per school or district?	As stated in the RFP, the SDE is seeking proposals from external entities to design and propose a solution set that best meets the overall needs of each district.
General	Is there any requirement to support outdoor connectivity in any location today?	As stated in the RFP section 4.7.2.1, the SDE is seeking proposals from external entities to design and propose a solution set that best meets the overall needs of each district.
4.11.2	Is 1 year of validation testing required for payment?	As stated in the RFP, connectivity, usability and reliability testing will be performed as required during the first year of service. This does not mean that 12 months of testing is required prior to receiving any payment.
4.7.2.1	Are you expecting/requiring all WLAN hardware to be 11AC capable?	As stated in the RFP, installed hardware shall meet the current standard upon time of implementation. When new standards are ratified, the Offeror shall make every effort to integrate new technology following a reasonable schedule
General	Please provide a Microsoft Word version of RFP RFP1305W so that we can easily follow the required response format (Attachment 1).	SDE will post an MS Word version of the RFP on the SDE website, located at www.sde.idaho.gov

4.3.2	<p>The graph on page 23 indicates that there are 137,241 students enrolled in grades 9-12 in Idaho; however, Attachment 10 -- School Enrollment Data, beginning on page 77, lists a number of middle schools and junior high schools in the enrollment data, even though some of those schools do not appear to have any high school students.</p>	<p>Chart B and Table C is amended to read a total estimate of 93,352. The numbers reflected in the RFP are estimates only and based on current data of enrollment of the schools which serve any grades 9-12. Upon further consideration, the number should reflect the number of students actually enrolled in grades 9-12 which is approximately 93,352 (including dual enrollment). The project covers all grades 9-12. Several of our school districts have students in 9th grade that are located at a school which serves 7-9 or even K-9. Attachment 10 is updated to reflect the revised estimates to better reflect the scope of the project.</p>
4.7.0	<p>Section 4.7 states "[t]he in-school infrastructure shall be accessible wirelessly and remotely."</p>	<p>no question, therefore no answer.</p>
	<p>Section 6.5 includes a table of evaluation points with technology, cost and company qualifications/interviews each listed at an equal 2,500 points.</p> <p>We understand that the State may desire to receive E-Rate funding in the future should the Eligible Services List further evolve in this area. In order to best preserve this option for the State, current E-Rate rules state the following;</p> <p>"...the price of the E-rate eligible products and services must be included as a factor and must be weighted more heavily than any other single factor."</p> <p>We would encourage SDE to consider revising the evaluation score to meet the above rule by (1) splitting the cost evaluation between cost for eligible (or potential eligible in the future) items and cost for ineligible items (for example professional development is most likely to never be E-rate eligible) and (2) reallocating points to make sure that the cost for eligible items is the highest rated factor. For example, a matrix such as the following would be acceptable to E-Rate –</p> <p>Cost of eligible services – 2,500 Cost of ineligible services – 200 Technology – 2,400 Company Qualifications – 2,400</p>	

6.5.0	<p>There is no specific guidance regarding the number or make-up of the categories beyond the information listed above from the E-Rate program so SDE can adjust in any manner consistent with that one rule about price of eligible services.</p> <p>This is especially important now as within the last month there have been several denied appeals at the FCC due to having cost as the same point value as other categories and due to mixing eligible and ineligible costs.</p>	<p>The SDE appreciates the input from the Potential Offeror. Per the RFP, section 4.13 the successful offeror should propose the solution that is most beneficial to the state.</p>
4.7.2.1	<p>"We expect the newest standards at the time of award with periodic upgrades to the most current standards on a rotational basis. Question" Does this mean that APs, controllers, etc. that were deployed in the beginning of the project will be refreshed at 5 years?</p>	<p>See 4.7.2.1 as stated in the minimum solution requirements.</p>
4.7.2.1	<p>With respect to "the newest standards at the time of award," are you expecting/requiring all WLAN hardware to be 11AC capable?</p>	<p>See 4.7.2.1 as stated in the minimum solution requirements.</p>
	<p>"The Offeror will provide and deploy a POE switch or switches, sized for the school's needs, based on site analysis approved by the SDE." Will all access points terminate to the same wiring closet or can you provide an average of wiring closets per school?</p>	<p>This will be dependent on the school and school layout. The offeror shall propose the location of all equipment based on the current infrastructure of the school and the results of a properly executed site survey.</p>
General	<p>Who is funding this project? Does Idaho SBE have funding already earmarked for the project or will it</p>	<p>The funding for the project has been appropriated by the Idaho Legislature</p>
4.8.8	<p>Authorization Control. Are we to assume that the school has their own directory service (central repository of staff and students), i.e. Active Directory?</p>	<p>As stated in the RFP, each district maintains local control of AD/LDAP services. It is the responsibility of the successful offeror to identify each local infrastructure and propose an integration / implementation strategy for each location</p>
4.7.2.1	<p>"The wireless users should be able to travel between schools and seamlessly connect when moving from school to school (ex. same SSID so that reconfiguration is not needed when moving between schools) and districts." Is SBE looking for single SSID for all schools in the state?</p>	<p>As stated in the RFP, each district shall maintain the same interoperability to facilitate seamless roaming within individual districts</p>

Att 11	The square footage for many schools is missing from attachment 11. Is it your intent to provide those numbers?	Attachment 11 is supplied for reference and planning purposes only. Any school marked as unknown indicates that the SDE does not have this information available to them. We will not be able to provide additional information as we do not have the information and the successful offeror will need to do a site assessment, if desired, once the award has been made.
General	Can you provide the dBm rating for the 5 Ghz spectrum?	The minimum signal strength on each campus should be 70 dBm, regardless of frequency
1.1.0	How many engineers/staff do they need to go through training and professional development?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
1.1.0	E-Rate does not usually cover or provide for training/professional development. Do we need to obscure those costs to ensure that proper training can be provided to all staff, not just for non-E-Rate school personnel and staff?	As stated in Section 4.3 of the RFP "The costs of any ineligible E-Rate components that may be required (such as electrical power) shall be broken out separately. The SDE understands that not all services in a proposal may be E-Rate eligible. The Offeror will designate which services in the proposal may be eligible for E-Rate discounts and the approved discounts shall be applied to the billing."
1.3.0	Remote access for students and staff can be very valuable when doing homework, grading papers, administering servers/workstations/etc. Does the second paragraph include remote/home access for all users, or a percentage of users? The third bullet point hints that this may not be required, however to develop a full solution, this type of access can easily be made available and may be a consideration in this project.	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
1.3.0	Regarding the 7th bullet, will the AUP need to be displayed to users within a given frequency? (Once per day/week/semester)	Each districts AUP is subject to the policies of each district.
2.1.0	Due to the Opt in features, is it acceptable that a Scope of Work, outlining anticipated tasks, responsibilities, activities, and in-scope/out-of-scope items be proposed?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is local control however, since the State is providing a wireless solution as a result of this RFP, we anticipate a large number of districts to opt-in.

2.1.0	Due to the Opt in features, can the cost proposals include estimates?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is local control, however, since the State is providing a wireless solution as a result of this RFP, we anticipate a large number of districts to opt-in.
2.1.0	Will the State Department of Education or State Department of Administration be able to provide agency for 3rd Party ISP vendors to ensure a single point of contact, monitoring, and issue resolution?	Section 4.2 of the RFP addresses those services provided by non SDE agencies
4.3.0	After implementing hundreds of wireless networks, we have identified that the proper design of a wireless network requires the consideration of predictive heat mapping, PoE requirements, cabling requirements, power reliability requirements, and cooling requirements. With the information provided in the RFP, this project contains a high level of risk to both the school districts and the vendors/manufacturers providing a solution. When a school opts into the project, will a full, site-specific design be able to be implemented, or will the pricing model of the project vehicle require that implementation to consist of a firm fixed price?	Section 4.6 of the RFP addresses costing information pertaining to this project. Section 4.3.1 specifically addresses those schools that opt-in at a later date. Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project.
4.3.2	Designing a wireless network based on school size and student count cannot account for the -70dBm requirements specified in the RFP. Detailed floor plans and predictive heat mapping is required for an efficient estimation of coverage. Following each site's verification and tuning scan, should deficient areas be discovered due to the assumptions made during the estimation process, will there be a procurement vehicle available?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is local control, however, since the State is providing a wireless solution as a result of this RFP, we anticipate a large number of districts to opt-in.
4.5.0	Please provide more detail into the technologies employed in the classrooms	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.5.0	Please provide any requirements around expected protocols that may need to be considered and/or optimized – such as Bonjour, multicast, wireless video and voice (Lync, VoWiFi, streaming video, etc.). Per-student/device bandwidth requirement estimations, number of classrooms in each school, estimated student density in each classroom, and available physical infrastructure and redundancy will be needed to properly specify the proper infrastructure.	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.

4.7.0	Please provide more detail into any student applications where additional storage may be required	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.7.0	Do all the existing school infrastructures utilize Cat5e (or newer) cabling?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.0	Will cabling costs need to be included as a part of this RFP response?	Section 4.7.1 states "Each local school unit that opts to participate in the Project shall be responsible to ensure minimum building readiness for the installation of the successful Offeror's solution. The local school shall address structural issues, construction/renovation and abatement. The Offeror's solution shall include all costs for network and infrastructure wiring needs. The solution shall be designed to minimize necessary costs of building preparation."
4.7.0	To enable the proper design of all components of the solution, please provide a list of ISP circuits for all schools, outlining available bandwidth and whether the school's circuit is a part of the IEN or a 3rd Party ISP.	Sections 4.2 and 4.7 address the general nature of this request. The use of technology on campus and in the classroom is subject to local control and is different for each district
4.7.0	There was no specific mention of electrical reliability or cooling sufficiency. If these should be within the scope of the RFP response, further investigation will need to be done. Please advise.	The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.1	Wireless coverage is an antiquated model for designing a wireless network. It will be easy to design a solution that handles the capacity requirements outlined; however predictive heat maps should be required in order to properly specify the number and placement of access points. As outlined above, should a site survey, predictive heat map, or validation survey uncover any coverage or density issues in the design, will a procurement vehicle exist to add an appropriate number of access points and/or any required licensing and support?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is subject to local control, however, since the State is providing a wireless solution as a result of this RFP, we anticipate a large number of districts to opt-in.

4.7.2.1	Please elaborate on roaming requirements. Will roaming be required between districts, or more specifically, will roaming be required between authentication/directory domains, where search logic may be required to ensure that a user is properly authenticated should their account be located on an authentication domain that may not be local to the user?	The goal is to provide seamless roaming to users in each district. The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.1	Does the requirement exist that reporting be role-based to limit districts from viewing reports for other districts?	Authentication of appropriate district / SDE staff should be included in any response. The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.1	802.11ad will utilize 60GHz ISM Band frequencies and is designed to transmit up to 7Gbps with a very short range of 1-10 meters. Additionally, 802.11ad will be constrained to line of site only, and is expected to be utilized for wireless HDMI and other high-speed video wireless traffic.	This is not a question, therefore an answer cannot be provided.
4.7.2.1	Please provide the estimated number of roles that are estimated to be required. Additionally, please provide estimation for each role's firewall rule count.	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2.1	Please confirm that appropriate floor plans are available for every school for the graphical layout of signal strength. Almost every tool on the market today can utilize image files (JPG, GIF, PNG, etc.) and single-file CAD drawings. Library-linked, multi-file CAD documents do not work on any of the visualization tools on the market today.	No, the state cannot provide this documentation as we do not have the information. Each facility in each district is unique, constructed of different materials, at different times.
4.7.2.2	Will the wired portion of the wireless infrastructure be shared with wired users? Will QoS queuing and packet coloring be available on all routers and switches not being provided as part of this RFP?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2.2	Please provide additional insight into the current infrastructures at the school sites that will be outside of the scope of this RFP. We need that information so we can identify the level of risk involved in accepting the uptime requirements being levied on our proposed solution.	The use of technology on campus and in the classroom is subject to local control and is different for each district.

4.7.2.2	Please provide a possible logic flow for the “complete mobility” statement.	The "Term Transparent" roaming is referring to the seamless transfer from one ap to another ap without the need to re-authenticate within the same SSID. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.3	Please further define sufficient and necessary bandwidth requirements	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2.5	Please provide further information into the content filtering requirements, such as number of unique policies for each school.	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.7.2.5	Do your statements concerning “authenticated district staff and SDE personnel” refer to a directory account structure that will need to be integrated into the reporting.	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.7.2.6	Are there scheduled walkthroughs for each school to determine cabling requirements and costs? If not, is there a vehicle available in the event that these costs overrun the estimates?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project.
4.7.2.7	Do you have any estimates available for forecasting for future growth?	Typical enrollment growth has been 1 to 1-1/2 percent per year. See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All available demographic data available to the SDE is represented in the RFP

4.8.0	Fluke Aircheck is a great tool, however to ensure a proper working wireless network is provided, we believe that stronger requirements around the site survey should be specified. We strongly recommend a bi-directional traffic test be performed to ensure that beam shaping isn't "falsely" increasing the wireless coverage, causing areas where there is a strong RSSI where the client is unable to transmit back to the access point with reliable results. Please keep in mind that for return-path beam shaping to work, a client must have a minimum of five antennas, something that would not be a recommended solution in low-power devices, such as a tablet or smartphone device.	The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.0	Clarification on 802.11 a/b/g/n/ac? In first sentence?	The RFP is amended to read "802.11a/b/g/n and ac/ad(when ratified)"
4.8.0	As newer technologies migrate wireless coverage from the 2.4GHz ranges to the 5.0GHz ranges, our experience in designing wireless networks is pointing towards designing wireless networks with a 10-15mW client and -65dBm bi-directional	Not a question. Therefore does not require a response.
4.8.0	Please provide additional specifications for the endpoint testing device, such as transmit power, frequency bands to be utilized, application bandwidth testing requirements, number of spatial streams, etc.	The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.1	Please provide information on out-of-scope parts of the infrastructure that may affect the availability of the proposed infrastructure	The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.5	Please provide run-time expectations for the proposed solution.	The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.8.7	Is there an existing PKI infrastructure to ensure that this requirement can be met fully? Any PSK-based encryption can be broken with enough recorded traffic and client "join" events.	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.8.8	Please provide additional information into the number of expected roles and each role's firewall rule base to properly scope out implementation requirements.	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.10.1	Is vendor-supplied Tier 1/2 support acceptable, or is manufacturer-based support required?	The SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	Is the State of Idaho open to all wireless vendors or has a preferred wireless vendor been chosen?	This RFP is open to all qualified wireless managed service vendors. The SDE has not chosen a vendor and the responses to the RFP will be scored on the merit of all proposed solutions and completeness of all M and ME sections the RFP. SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	Is the State of Idaho working directly with the wireless vendor? If so, has a Bill of Materials been created for the State of Idaho? What is the vendor account manager's name?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	Can the State of Idaho provide adequate drawings for each to help the bidders make an accurate proposal?	No, the state cannot provide this documentation as we do not have the information. Each facility in each district is unique, constructed of different materials, at different times.
	What existing vendors and devices (are any devices POE capable?) makeup the State of Idaho's current network infrastructure?	The use of technology on campus and in the classroom is subject to local control and is different for each district.

	Is the State of Idaho expecting the bidders to provide a “greenfield” solution or will the bidders reuse a percentage of the State of Idaho’s existing network devices? Can the State of Idaho provide the percentage of available devices as granular as possible?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	Do any of the schools in the State of Idaho have any existing wireless equipment in production today? It is unclear in the RFP. If so, what vendor is in place?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
	Without a proper wireless site survey for each school, it is impossible to provide a 100% accurate wireless design proposal to the State of Idaho. Some areas have high interference or higher client densities, so these areas require more AP density. With that said, the quantity of APs provided by bidders will not be 100% accurate and future change orders will need to be made. Is that okay with the State of Idaho?	Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is local control, however, since the State is providing a wireless solution as a result of this RFP, we anticipate a large number of districts to opt-in.
	Can the State of Idaho provide the number of IDF and MDF closets at each school in a spreadsheet like format?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
4.7.2.6	Without a proper on-site visit, it is impossible to provide a 100% accurate cabling proposal to accommodate the wireless design proposal to the State of Idaho. Also, stated within the RFP in Section 4.7.2.6, “The Offeror will install cabling for its solution, per the description of a fully managed service above, and the connection to the school’s local network and the Idaho Education Network (IEN). At the successful Offeror’s discretion, it may use existing cabling in the schools.” Can the State of Idaho provide the list of schools where existing cabling will be used, since this could result in higher bid costs?	No, the SDE does not have this information. Any and all cost proposals should include all potential cost elements based on the established overall allocation of funds to the project. The decision to participate is local control, however, since the State is providing a wireless solution as a result of this RFP, we anticipate a large number of districts to opt-in.
	How much rack space is available in each IDF and MDF closet?	The use of technology on campus and in the classroom is subject to local control and is different for each district.

	Will the bidders need to replace or add new cabinets in the IDF closets?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	Will the bidders need to add backbone fiber cabling for the new PoE switches to power up the new APs and the switches to terminate back to an existing MDF closet where the campuses' core switch resides? If so, what type of fiber? What size of fiber? How many strands? Is a pathway in place?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	How are DHCP services being handled in the State of Idaho's current production network?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
	How are end-users authenticating in the State of Idaho's current production network?	The use of technology on campus and in the classroom is subject to local control and is different for each district.
	How does the State of Idaho foresee end-user authentication over the wireless network?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	As stated within the RFP in Section 4.8.5, the Offeror's are responsible for providing a UPS to maintain power to the proposed switches that light up the proposed APs. How much power is available in the IDF or MDF closet and what the type of outlet(s) reside in each closet? What are the UPS runtime requirements?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
	In Section 4.7.2.2 within the RFP, it states, "The Offeror will provide and deploy a POE switch or switches, sized for the school's needs, based on analysis approved by the SDE." What make and model of POE switches are approved by the Idaho State Dept. of Education (SDE)? There are no switch requirements to meet within the RFP.	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

	Can the State of Idaho provide the bidders with an exact count for the total number of schools involved in this project?	See Attachment 10 for School Enrollment Data. Students per classroom and devices per classroom is subject to location and different for each school district. All available demographic data available to the SDE is represented in the RFP. Each school and district has the option to "opt-in" to the project, and we anticipate a large number of participants.
	What is the expected timeframe to rollout the WLAN solution to each school involved in this RFP?	Section 4.4 of the RFP outlines the Anticipated Deployment Schedule
Att 6	In the section "Describe the actual throughput for the installed wireless network (KB/sec, MB/sec, GB/sec) for a 1MB file, 1 MB Streaming Audio File, and 1 MB Streaming Video File for the following number of simultaneous users:"there are no simultaneous users shown on the attachment. What number of users should be here?	Traffic patterns, number of users, density of devices, protocols and applications on campus and in the classroom is subject to local control and is different for each district.
4.3.2	What evaluation criteria will be used to determine whether an offeror has estimated wireless properly when very little information has been provided on school square footage, building characteristics and student density and expected growth?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
Att 11	Many schools in Attachment 11 show unknown for square footage, will this be revised so wireless estimates can be more accurate?	Attachment 11 is supplied for reference and planning purposes only. Any school marked as unknown indicates that the SDE does not have this information available to them. We will not be able to provide additional information as we do not have the information and the successful offeror will need to do a site assessment, if desired, once the award has been made.
4.5.0	This section has a requirement that needs additional clarification...it appears to require that the solution must support wired connectivity as well as wireless. Is it the intention for the solution to satisfy wired connectivity requirements for student, educators and classroom devices?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.7.0	Clarification of the following statement: "...the Offeror's solution must include switches as needed, the placement of access points, server capacity for applications/files..." What server capacity is being referred to here?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.2	Per this requirement..."The Offeror will provide and deploy a POE switch or switches, sized for the school's needs, based on site analysis approved by the SDE." Is it expected that the offeror will estimate the number of PoE switches required at each school in the cost assumptions for this RFP without a site analysis at each school?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.7.2.5	As stated in this requirement: "All SDE-level and district-level reporting and management for both content filtering and managed wireless shall be available via the same on-line application..." Please clarify the statement "same on-line application" Do you expect the content filtering solution to be from the same manufacturer as the wireless solution? Can a separate vendor solution for content filtering be provided? If so, must the content filtering management be available via the same initial login URL as the wireless management?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.
4.8.5	Clarification here: "...Therefore, necessary included servers and key infrastructure hardware such as switches and wireless access points shall have a UPS with capacity to allow for the hardware to remain operative in the case of a power outage." It appears that a UPS is required for access points and switches with required uptime to "allow personnel enough time to satisfactorily shut down the server(s) or the infrastructure hardware provided." If the switches and access points do not have to be shut down in the event of a power outage due to stability in the hardware, how long must the UPS provide uptime for the switch and wireless access points?	SDE is asking for proposals that include a fully qualified solution that will meet the general requirements of the RFP. Any specific items that a single Offeror may propose to enhance the quality or increase the efficiency of the solution is encouraged, but not required and will be evaluated as part of the overall solution.

4.12.4	Please clarify the intent of Section 4.12.4. with respect to title and risk of loss of the hardware post-installation, as we would expect that SDE would retain ownership, title and risk of loss no later than the installation of the Assets. We would thus not expect that we would be de-installing the Assets.	Section 4.12.4 states Title to and risk of loss to the hardware at each site shall remain with the successful Offeror at all times. At the conclusion of the Agreement, the Assets will be de-installed by the successful Offeror. The Successful Offeror will then be responsible for packaging, pickup, and removal of the hardware at successful Offeror's sole expense, within 30 days or as agreed to in writing by the SDE. Unless otherwise approved in writing by the SDE, de-installation shall not interrupt educational activities or damage school property."
	Correction to verbiage in the RFP not previously addressed	
4.12.2	Fiscal Necessity: Current language in RFP: In addition to, and not in lieu of, any other provisions for termination available to it, the SDE will have a one-time option to terminate the Project due to Fiscal Necessity as more particularly described in Attachment 3, Terms and Conditions.	Corrected Language should read: Fiscal Necessity In addition to, and not in lieu of, any other provisions for termination available to it, the SDE will have an option to terminate the Project due to Fiscal Necessity as more particularly described in Attachment 3, Terms and Conditions.
4.8.0	Current language in RFP: in order to provide high quality 802.11a/b/n/ab wireless access....	The RFP is amended to read "802.11a/b/n and ac/ad(when ratified)"
4.3.2	Chart B - Estimated High School Enrollment by Region	The RFP is amended to show Chart B - Estimated High School Enrollment by Region - See new Chart B as part of the official answers to all written questions and amendment section.
4.4.0	Table C - High School Student Count Estimates	The RFP is amended to show Table C - High School Student Count Estimates - See new Table C as part of the official answers to all written questions and amendment section.
Attachment 10	Attachment 10 - School Enrollment Data	The RFP is amended to show Attachment 10 - School Enrollment data. See new Attachment 10 as part of the official answers to all written questions and amendment section.